

IN THE CLAIMS

Page 28, line 1, please replace the section heading with the following: --

WHAT IS CLAIMED IS:--

Please replace claims 1-25 with new claims 26-50 as follows.

26. **(NEW)** A method of transmitting a calling subscriber number received at a Gateway Mobile Switching Center ("GMSC") of a home Public Land Mobile Network ("PLMN") along with an incoming call towards a destination subscriber who is a roaming subscriber in a visited PLMN and who is one of a called subscriber and a forwarded-to subscriber by interrogating at least one entity selected from GSM network entities, UMTS network entities, and Inter-Working Functions by at least one interrogating operation selected from GSM MAP operations, UMTS MAP operations, and combinations thereof in order to retrieve a routing number and reach the roaming subscriber and set up the call, the method comprising the steps of:

extracting, at an interrogating network entity, the received calling subscriber number identification to be further sent in an interrogating GSM/UMTS MAP operation;

including the extracted calling subscriber number identification in the interrogating GSM/UMTS MAP operation at the interrogating network entity;

forwarding the interrogation and the calling subscriber number identification with the interrogating GSM/UMTS MAP operation to the at least one interrogated entity.

27. **(NEW)** The method of claim 26, wherein an interrogating GSM/UMTS MAP operation for retrieving the routing number as well as to submit the calling subscriber number identification is a MAP operation: "Send Routing Information".

28. **(NEW)** The method of claim 26, wherein an interrogating GSM/UMTS MAP operation for retrieving a routing number as well as to submit the calling subscriber number identification is a MAP operation: "Provide Roaming Number".

29. **(NEW)** The method of claim 26, wherein the home PLMN is one of a GSM network and a UMTS network that include a home GMSC, and the visited

PLMN where the home subscriber is roaming is neither a GSM network nor a UMTS network.

30. **(NEW)** The method of claim 29, wherein the home GMSC interrogates a GSM/UMTS home location register ("HLR") by a MAP operation: "Send Routing Information" that includes the calling subscriber number identification, and the GSM/UMTS HLR interrogates an Inter-Working Function used in intersystem roaming by a MAP operation: "Provide Roaming Number" that also includes the calling subscriber number identification.

31. **(NEW)** The method of claim 26, wherein the visited PLMN where the home subscriber is roaming is one of a GSM network and a UMTS network, and the home PLMN is neither a GSM network nor a UMTS network.

32. **(NEW)** The method of claim 31, wherein an InterWorking Function used in intersystem roaming interrogates a visited mobile switching center/visitor location register ("MSC/VLR") by a MAP operation: "Provide Roaming Number" that includes the calling subscriber number identification.

33. **(NEW)** The method of claim 26, wherein the home PLMN is one of a GSM network and a UMTS network that include a home GMSC, and the visited PLMN where the home subscriber is roaming is also one of a GSM network and a UMTS network.

34. **(NEW)** The method of claim 32, wherein the home GMSC interrogates a GSM/UMTS home location register ("HLR") by a MAP operation: "Send Routing Information" that includes the calling subscriber number identification, and the GSM/UMTS HLR interrogates the MSC/VLR where the subscriber is roaming by a MAP operation: "Provide Roaming Number" that also includes the calling subscriber number identification.

35. **(NEW)** The method of claim 26, wherein the calling subscriber number identification is included as a new parameter of a predetermined type in a MAP operation: "Send Routing Information".

36. **(NEW)** The method of claim 26, wherein the calling subscriber number identification is included in an Extension Container field of a MAP operation: "Send Routing Information".

37. **(NEW)** The method of claim 26, wherein the calling subscriber number identification is included as a new parameter of a predetermined type in a MAP operation: "Provide Roaming Number".

38. **(NEW)** The method of claim 26, wherein the calling subscriber number identification is included in an Extension Container field of a MAP operation: "Provide Roaming Number".

39. **(NEW)** The method of claim 32, wherein any of a GSM and UMTS MSC/VLR store on a per subscriber and per call basis the calling subscriber number identification received in a MAP operation: "Provide Roaming Number" for further delivery to the destination subscriber.

40. **(NEW)** An apparatus for transmission of a calling subscriber number identification received at a home Public Land Mobile Network ("PLMN") or at an InterWorking Function ("IWF"), comprising:

first means for interrogating at least one entity selected from GSM network entities, UMTS network entities, and Inter-Working Functions by at least one interrogating operation selected from GSM MAP operations, UMTS MAP operations, and combinations thereof in order to retrieve a routing number and reach a destination subscriber who is a roaming subscriber roaming in a visited PLMN and set up the call;

second means for extracting the calling subscriber number identification from a previously received signalling message to be further sent in an interrogating operation selected from GSM MAP operations, UMTS MAP operations, and combinations thereof; and

third means for including the calling subscriber number identification extracted by the second means in the interrogating GSM/UMTS MAP operation in order to retrieve a routing number and reach such a roaming subscriber and set up the call, presenting the calling subscriber number identification.

41. **(NEW)** The apparatus of claim 40, further comprising means for storing on a per subscriber and per call basis, at a GSM entity or a UMTS entity, the calling subscriber number identification received in an interrogating GSM/UMTS MAP operation for further delivery to the destination subscriber.

42. **(NEW)** The apparatus of claim 40, wherein the interrogating GSM/UMTS MAP operation is a MAP operation: "Send Routing Information", and the MAP operation includes the calling subscriber number identification.

43. **(NEW)** The apparatus of claim 40, wherein the interrogating GSM/UMTS MAP operation is a MAP operation: "Provide Roaming Number", and the MAP operation includes the calling subscriber number identification.

44. **(NEW)** The apparatus of claim 40, wherein the home PLMN is one of a GSM network and a UMTS network that include a home GMSC; a visited PLMN where the home subscriber is roaming is neither a GSM network nor a UMTS network; the home GMSC interrogates a GSM/UMTS home location register ("HLR") by a MAP operation: "Send Routing Information" that includes the calling subscriber number identification; and the GSM/UMTS HLR interrogates an InterWorking Function used in intersystem roaming by a MAP operation: "Provide Roaming Number" that also includes the calling subscriber number identification.

45. **(NEW)** The apparatus of claim 40, wherein the visited PLMN where the home subscriber is roaming is one of a GSM network and a UMTS network; the home PLMN is neither a GSM network nor a UMTS network; and an Inter-Working Function used in intersystem roaming interrogates a visited mobile switching center/visitor location register ("MSC/VLR") by a MAP operation: "Provide Roaming Number" that includes the calling subscriber number identification.

46. **(NEW)** The apparatus of claim 40, wherein the home PLMN is one of a GSM network and a UMTS network that include a home GMSC; the visited PLMN where the home subscriber is roaming is also one of a GSM network and a UMTS network; the home GMSC interrogates a GSM/UMTS home location register ("HLR") by a MAP operation: "Send Routing Information" that includes the calling subscriber number identification; and the GSM/UMTS HLR interrogates a mobile switching center/visitor location register ("MSC/VLR") where the home subscriber is roaming by a MAP operation: "Provide Roaming Number" that also includes the calling subscriber number identification.

47. **(NEW)** The apparatus of claim 40, wherein the calling subscriber number identification is included as a new parameter of a predetermined type in a